

# Department of Homeland Security Daily Open Source Infrastructure Report for 24 September 2007



- According to the *Washington Business Journal*, Nuclear Solutions Inc. has won a U.S. patent for technology that will detect shielded nuclear weapons. The D.C.-based company develops technologies for homeland security. (See item <u>5</u>)
- According to the Associated Press a report by The American Association of Railroads issued Thursday concluded that U.S. freight railroads will need \$135 billion in infrastructure investment in the next 28 years. The Department of Transportation, whose data was used in the report, predicts that, measured by weight, rail freight transport will increase 88 percent in those 28 years. (See item 21)

#### DHS Daily Open Source Infrastructure Report Fast Jump

**Production Industries:** Energy; Chemical; Nuclear Reactors, Materials and Waste;

**Defense Industrial Base; Dams** 

Service Industries: <u>Banking and Finance</u>; <u>Transportation and Border Security</u>; <u>Postal</u>

and Shipping; Information Technology; Communications; Commercial Facilities

Sustenance and Health: <u>Agriculture and Food; Water; Public Health and Healthcare</u>
Federal and State: Government Facilities; Emergency Services; National Monuments and

**Icons** 

## **Energy Sector**

Current Electricity Sector Threat Alert Levels: Physical: ELEVATED,

Cyber: **ELEVATED** 

Scale: LOW, GUARDED, ELEVATED, HIGH, SEVERE [Source: ISAC for the Electricity Sector (ES-ISAC) – [http://www.esisac.com]

1. September 21, AHN – (Southeast) Gulf of Mexico storm system sends oil prices soaring. A weak storm system in the Gulf of Mexico expected to follow closely Hurricane Katrina's path has caused problems in Florida, Louisiana and elsewhere in the United States. Fears of a weekend storm sent oil prices soaring to a record high of \$84.10 in trading on Thursday before they fell back. In early trading on Friday, U.S. crude for November delivery was at \$81.65 a barrel. So far, it is only an area of low pressure in the Gulf of Mexico near Florida. However,

Louisiana's governor declared a state of emergency late Thursday, issuing a call for parishes to evacuate residents from low-lying areas as a precaution. Oil companies followed up by evacuating vulnerable workers from oil rigs out in the Gulf. That meant that energy firms shut down over 360,100 barrels per day of oil output in the Gulf of Mexico, which represents over a quarter of the region's crude production. Energy firms also shut down 16.7 percent of natural gas production there.

Source: http://www.allheadlinenews.com/articles/7008591973

2. September 21, The News & Observer – (North Carolina) To protect power lines, trees are sacrificed. Progress Energy plans to chop 50,000 trees in the next three years near transmission lines across North Carolina and South Carolina. The plan means that trees, which Progress Energy once only pruned, will be cut down. What's lost in Meredith Woods are huge maples, pines, cedars and oaks that shade homes and provide character for the established, decades-old neighborhood. Progress Energy representatives say they have no choice. A new federal rule -- spurred by the blackout of 2003 -- levies stiff fines for any power outage caused by trees and vegetation along transmission lines. "We certainly recognize that, for property owners, that this change is difficult. It's not something we wanted to do," said a spokesman for the company. Transmission lines are like the interstate of the electric grid, moving large amounts of electricity from power plants to neighborhoods. Progress Energy's lines extend along a cleared corridor that can stretch 70 feet to 100 feet wide. Trees sagging onto transmission lines started the chain reaction that left 50 million customers without power across the Northeast, Great Lakes region and Canada in August 2003. The estimated economic effect was \$6 billion, according to the federal government. According to Progress Energy, trees touching transmission lines aren't the only hazards. Trees growing near the lines can cause a fire if electricity arcs from the line to nearby trees in the right conditions. Source:

 $\underline{\text{http://uaelp.pennnet.com/news/display\_news\_story.cfm?} Section=WireNews\&Category=HOM}\\ \underline{E\&NewsID=152152}$ 

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# **Chemical Industry**

3. September 20, Daily Tech – (Nationwide) A new chemical catches terrorists red-handed. A new chemical detector has been developed that promises to ID bomb makers. Worldwide, terrorism is one of the key threats to world peace, resulting in thousands of civilian deaths each year. Now scientists have created a chemical that detects urea nitrate, a common ingredient used to make Improvised Explosive Devices (IEDs) and other bombs. The chemical is extremely easy to use. Simply wipe the hands of the suspect with a sterile cloth, then apply the chemical detector agent. If the user has had recent contact with urea nitrate, then the chemical will turn a blood red hue. The chemical was developed by researchers at the Hebrew University of Jerusalem. Their findings were published in the September issue of the Journal of Forensic Sciences. The development holds great promise for saving lives and avoiding mistakes by eliminating false IDs of suspects and provides a valuable tool for peacekeeping forces to catch bomb makers red-handed in conflict zones worldwide.

Source: http://www.dailytech.com/article.aspx?newsid=8978

### **Nuclear Reactors, Materials, and Waste**

4. September 21, Desert Morning News – (Utah) Governor opposes nuclear plant in Utah. Utah's governor said Thursday that he will oppose a nuclear power plant in Utah until technology is developed to reprocess safely the plant's radioactive waste on site. The governor said he is also concerned about the liability issues surrounding a nuclear power plant, especially if a Utah facility were to have an accident similar to the 1979 accident at Three Mile Island in Pennsylvania.

Source: http://deseretnews.com/dn/view/0,5143,695211879,00.html

5. September 21, Washington Business Journal – (Washington, D.C.) Patent awarded to Nuclear Solutions. Nuclear Solutions Inc. said it won a U.S. patent for technology that will detect shielded nuclear weapons. The D.C.-based company, which develops technologies for homeland security, said it developed the newest patent based on semiconductor laser mode hopping, which is when gravitational pull interacts with high density nuclear materials. The patent provides a boost to the company, which stated in its most recent annual report that it would continue to generate losses this year. "No assurance can be given that we can complete the development of any technology or that, if any technology is fully developed, it can be manufactured and marketed on a commercially viable basis," the report said. Source:

http://www.bizjournals.com/washington/stories/2007/09/17/daily49.html?ana=from rss

6. September 20, Platts – (Pennsylvania) NRC to conduct special inspection at Peach Bottom. The Nuclear Regulatory Commission will conduct a special inspection at Peach Bottom to investigate "information that security officers may have been inattentive while on duty" at the plant, the agency said September 20. Exelon Nuclear and Wackenhut Corporation, which provides security services at the site, were approached earlier this month by a reporter from WCBS-TV in New York. The reporter claimed to possess videotape showing the inattentive guards. The NRC Region I Administrator said September 20 that the inspection team "will comprehensively assess the Peach Bottom security issues to confirm that the security program is being effectively implemented" and "will also assess Exelon's actions in response to this information."

Source:

 $\underline{http://www.platts.com/Nuclear/News/7656108.xml?sub=Nuclear\&p=Nuclear/News\&?undefined$ 

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### **Defense Industrial Base Sector**

7. September 21, Washington Post – (Virginia) Orbital Sciences plans major expansion. Orbital Sciences, a rocket and space technology manufacturer for the government and military, is embarking on a major expansion of its headquarters in Dulles, adding as many as four buildings and about 600 jobs to its campus. The company's 77-acre campus employs 1,500 workers. The buildings -- totaling 140,000 square feet -- will house office, engineering and

manufacturing space on an undeveloped tract of land adjacent to the campus. Construction on the first building has been approved by Loudoun County and is scheduled to begin in early 2008. The first new employees could occupy the space in 2009. The federal government is Orbital Sciences' biggest customer. The satellite company has contracts with the Defense Department and military intelligence agencies. Space flight, in particular, is fueling much of Orbital Sciences' growth, a representative from Orbital Sciences said. In 2010 NASA plans to retire the Space Shuttle. The company is part of a team led by Lockheed Martin that is producing the next generation of manned spacecraft to launch astronauts to the moon and beyond.

Source: <a href="http://www.washingtonpost.com/wp-dyn/content/article/2007/09/20/AR2007092002340.html">http://www.washingtonpost.com/wp-dyn/content/article/2007/09/20/AR2007092002340.html</a>

8. September 19, Defense News – (National) New plans for Africa command. Much of the work for U.S. Africa Command (AFRICOM), the U.S. military's newest geographic command, likely will be done by five teams, each deployed to and designed for a specific region of the continent. The plans for these "regional integration teams" are still being laid, but Pentagon officials want a "split-based, tailored presence" there, not a one-size-fits-all approach that might produce dividends in one region but chaos in another, according to Department of Defense documents prepared in mid-September. One team will go to the northern, eastern, southern, central and western portions of the continent, mirroring the African Union's five regional economic communities, the briefing documents say. The idea is to "establish regional presence on the African continent which would facilitate appropriate interaction with existing Africa political-military organizations," one of the September 14 briefings says. Several Africa scholars said the regional approach the Pentagon apparently is taking should be a good fit in a complex place like Africa. "The teams fit with the reality that peacekeeping is done on a regional basis," said a representative from the Center for Strategic and International Studies. Perhaps most importantly, the teams will give U.S. policy-makers a direct link with multinational African organizations involved in policy and security efforts, he said.

Source: http://www.defensenews.com/story.php?F=3049227&C=america

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#### **Banking and Finance Sector**

9. September 21, Bloomberg – (National) Morgan Stanley, Janney ex-employees arrested in fraud. Former Morgan Stanley and Janney Montgomery Scott LLC employees were among 41 people and firms charged or sued in a two-year probe of stock-loan workers, who allegedly took millions of dollars in illegal kickbacks. U.S. authorities are investigating loan desk employees and so-called finders, middlemen who track down stocks to lend to investors, prosecutors said. Six men pleaded not guilty today to securities fraud and conspiracy charges in Brooklyn, New York federal court and were released on bail. They face up to 25 years in prison each if convicted. The U.S. criminal charges and Securities and Exchange Commission lawsuits against 38 defendants focus on short sales, which involve a security borrowed in anticipation of making a profit by paying for it after its price has fallen. In naked short sales, the seller does not intend to deliver the shares when entering the deal. More charges are expected in the probe, people familiar with the case said. The SEC claimed the stock-loan schemes, which are the subject of its lawsuits, netted \$12 million. The defendants include 17

current and former stock loan traders at firms, including Morgan Stanley, Janney Montgomery, Van der Moolen Specialists USA LLC, A.G. Edwards & Sons Inc., Oppenheimer & Co. and Nomura Securities International Inc., the agency said. Ten people have already pled guilty to federal kickback and bribery schemes in the stock-loan industry.

Source:

http://www.bloomberg.com/apps/news?pid=20601087&sid=aF5.eBej2WZA&refer=home

10. September 21, PRNewswire – (National) The Identity Theft Resource Center applauds TransUnion's credit freeze for all. As of October 15, 2007, TransUnion will make a security or credit freeze available to all consumers nationwide at \$10 each to place, lift or remove the freeze. For victims of identity theft, there will be no fee. A credit freeze is one of the best proactive tools a victim has to stop an active identity thief from continuing illegal financial activities, and it can help prevent a thief from obtaining credit approval and using it fraudulently in another person's name and/or Social Security Number. With a credit freeze, a credit reporting agency is prohibited from sharing information a credit report without the owner's authorization.

Source:

 $\underline{\text{http://www.prnewswire.com/cgi-bin/stories.pl?} ACCT=104\&STORY=/www/story/09-20-2007/0004667086\&EDATE}$ 

- 11. September 21, The Seattle Times (International) Canadian-U.S. currencies equal for first time since '76. Shopping centers, car dealerships, and real estate agencies throughout the United States are seeing many more Canadians than they have in the last several months, a phenomenon caused by an increase in the value of the Canadian currency against the US dollar. For the first time in over 30 years, the two currencies are equal and Canadians are taking advantage of this economic benefit. However, economists doubt the U.S. economy will be as impacted as it was in the 90's when the Canadian dollar was worth more than its U.S. counterpart because "Canadian shoppers have more choices closer to home, while stricter border inspections, longer wait times and higher U.S. gas prices act as disincentives."

  Source: http://seattletimes.nwsource.com/html/businesstechnology/2003895012\_loonie21.html
- 12. September 21, The Colonnade (National) Online fraud strikes GCSU. Nigerian scammers victimized several students recently at Georgia College and State University. The Internet Crime Complaint Center, a Web site created by the Federal Bureau of Investigation and the National White Collar Crime Center, reported the scenario, which defrauded students of thousands of dollars. Typically, scam artists respond to advertisements, such as the selling of merchandise, then send counterfeit checks covering a larger sum than requested and ask the victims to wire the difference back to them. After a certain number of days (7 to 21), the victims are informed by their banks that the deposited cashier's checks received in exchange for their products were fraudulent. In some situations the fraudsters go to the extent of cancelling the purchase after the fraudulent checks were deposited, and demand return of the full amount, which is sent from the victims' banks. The mistake that people make, according to investigators, is to assume that cashier checks are the same as cash and should not doubt their authenticity. Because the checks originate from a foreign country, local authorities cannot investigate these types of cases and the federal authorities do not become involved in scams unless the sums of money defrauded are higher than \$10,000. Federal investigators urge people

to be very skeptical of any financial transactions involving unknown individuals from Africa. Source:

 $\underline{http://media.www.gcsunade.com/media/storage/paper299/news/2007/09/21/CampusNews/Online.Fraud.Strikes.Gcsu-2981700.shtml$ 

13. September 20, Houston Chronicle – (National) Florida company accused of fax fraud. The president and several employees of PBS Global, a Florida-based company, were charged with faxing bogus offers to companies across the country with the intent of defrauding them. The company sent thousands of unsolicited faxes to companies offering to find qualified buyers for their businesses. Moreover, the group advertised a 100 percent money-back guarantee to clients unsatisfied with their services, but never honored their promise. PBS was charged with "one count of conspiracy, 14 counts of wire fraud via faxed transmissions, six counts of wire fraud via telephone calls, 13 counts of mail fraud, one count of conspiracy to commit money laundering and eight counts of money laundering."

Source: http://www.chron.com/disp/story.mpl/ap/fn/5151738.html

14. September 20, Reuters – (International) U.S. indicts 39 in global money laundering case. The U.S. Justice Department announced that following a four-year investigation, 39 people were arrested for financial criminal schemes using hawala, "an informal currency transfer system widely used in Pakistan and the Middle East, that allows money to be exchanged between traders through a handshake, a piece of paper or on trust." The frauds, which include money laundering and bribery, involved people residing in the United States, Spain, Canada and Belgium. In one case, the owner of several businesses is accused of laundering millions of dollars believed to have been generated from illegal activities such as drug dealing. The 39 indicted people face maximum sentences of 20 years in prison.

Source: http://www.reuters.com/article/domesticNews/idUSN2018250820070921

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# **Transportation and Border Security Sector**

15. September 21, Boston.com – (Massachusetts) MIT student arrested at Logan, allegedly wearing a fake bomb. A Massachusetts Institute of Technology student showed up at Boston's Logan International Airport wearing a suspicious device involving wires and a pale beige plastic circuit board with green LED lights. Airport security authorities arrested her at gunpoint in front of a terminal where she came to pick somebody up. Although the device was in the end just a piece of personal artwork for a class, the student committed a serious offence by wearing it to the airport. She will be arraigned later today.

Source:

http://www.boston.com/news/globe/city\_region/breaking\_news/2007/09/mit\_student\_arr.html

16. September 21, NY Daily News – (National) Gang bagged in smuggling of cocaine at JFK, cops say. Federal authorities announced they intercepted a drug smuggling ring following a 2-year investigation. The suspects, baggage handlers and custodial workers employed by the maintenance company Aircraft Service International Group (ASIG), contacted informants and offered their services to divert luggage containing drugs. According to the criminals, they removed two bags of drugs a week from flights to JFK and were paid \$5,000 per bag.

#### Source:

http://www.nydailynews.com/news/crime\_file/2007/09/21/2007-09-21 gang bagged in smuggling of cocaine at j.html

- 17. September 20, USA Today (National) Machine aims to ID liquids at airport. The Los Alamos National Laboratory in New Mexico is testing a new screening machine capable of detecting suspicious liquids at airports. The Homeland Security Department welcomed the innovation, which would ease the screening process for both passengers and airport officials. If proven efficient, the project entitled SENSIT --derived from "sense it"-- will eliminate the carry-on liquids restrictions, which were implemented last year following the discovery of a terrorist plot involving liquid explosives. The scanner, which is based on brain-scanning magnetic resonance imaging, will display green dots for liquids considered safe and red dots for suspicious liquids. At this point in development, the new devices are capable of detecting 50 liquids, some of them dangerous and some safe. According to a Los Alamos official, the system is almost perfected and is awaiting its first test next August. Currently, the Transportation Security Administration (TSA) screeners utilize either X-ray machines capable of identifying but not differentiating between liquids, or handheld scanners that can detect some types of liquid explosives, according to the TSA spokeswoman. Source: http://www.usatoday.com/news/nation/2007-09-20-liquids\_N.htm
- 18. September 20, United Press International (National) High-tech airport security going portable. Scent Detection Technologies (SDT) developed a new screening device aimed at detecting explosive materials. The new system is simply described as an artificial 'nose'—thus the name the Mini-Nose capable of signaling "the presence of constituent elements of explosive materials by collecting and analyzing trace molecular evidence from the explosive or its vicinity," according to the vice president of business development at SDT. The official also added that the technology is 'green' because it does not involve radioactive sources to ionize the molecules. Mini-Nose is widely applicable not only at airports, but also at "ports, government buildings, shopping malls, high-threat facilities (such as nuclear plants, chemical plants and military bases), embassies and football and sports stadiums," according to the same source. The price tag attached to the new device is \$25,000 and the demand for it "is around the hundreds-of-units mark," said the official.

http://www.upi.com/International\_Security/Industry/Analysis/2007/09/20/hightech\_airport\_security\_going\_portable/4500/

19. September 20, Dayton Daily News – (National) Fee on airline tickets increasing. On Thursday, the U.S. House of Representatives approved a 2.50 increase in passenger fees, a move applauded by airport officials, but not very popular among some airline companies. The increase, which exceeds the White House's suggestion by one dollar, is aimed at generating funds for various airport projects such as renovations of runways and terminals. However, in order to use the money, airport officials will need to first consult with airlines on proposed capital projects, and then apply for the FAA's approval. Presently, the Senate is considering a proposal allowing airports to impose their own fees, which would have to be reviewed first by airlines before being approved by the FAA. Source:

http://www.daytondailynews.com/n/content/oh/story/news/business/2007/09/20/ddn092007air portweb.html

20. September 20, Yuma Sun – (International) Feds investigating smuggling tunnel near San Luis. Border patrol agents discovered a 3 feet by 3 feet wide and 250 feet long tunnel near the San Luis port of entry. This is the first tunnel found in Arizona. Previously, authorities uncovered tunnels in San Diego and Calexico, California. According to U.S. Customs and Border Protection (CBP), these tunnels are usually used for drugs and human trafficking and smuggling. The tunnel will be filled in with concrete and dirt starting Friday, announced CBP. Authorities also declared they intercepted the tunnel's point of origin on the Mexican side of the border, in San Luis Rio Colorado, Sonora, and blocked access to the house where the tunnel starts. Some believe smugglers did not attempt to dig tunnels until now because the soil in the area is saturated with water.

Source: http://www.yumasun.com/news/tunnel\_36631\_\_\_article\_news.html/border\_san.html

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### Postal and Shipping Sector

21. September 20, Associated Press – (National) Study for railroad group says billions needed for freight rail infrastructure. An industry report issued Thursday concluded that U.S. freight railroads will need \$135 billion in infrastructure investment in the next 28 years. The American Association of Railroads' report ignores the possibility of passenger service increasing, which often uses the same tracks as freight railways. The Department of Transportation, whose data was used in the report, predicts that, measured by weight, rail freight transport will increase 88 percent in those 28 years. The association president emphasized that if the changes were not made, trucking would take up the slack and highway congestion would worsen.

Source: http://www.mercurynews.com/breakingnews/ci 6948876

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# **Agriculture and Food Sector**

- 22. September 23, Associated Press (International) U.K discovers Bluetongue disease in cattle for first time. A cow was infected with the disease on a farm near Ipswich, 70 miles northeast of London, the Department for Environment, Food and Rural Affairs said in a statement Saturday. The discovery comes as Britain is trying to contain an outbreak of foot-and-mouth disease. Six cases of foot-and-mouth have been confirmed on farms in southern England since Aug. 3 and about 1,800 animals have been slaughtered since the outbreak began. Bluetongue is not harmful to humans, but can be fatal for ruminant animals, especially sheep.

  Source: http://www.foxnews.com/story/0,2933,297740,00.html
- 23. September 23, Fox News (California) California officials to poison Lake to kill fish predators. California wildlife officials will risk the ire of many in a fishing community with plans to pour large amounts of poison into the Sierra reservoir to kill a species of predatory fish. The state's Fish and Game Department plans to enter more than 16,000 gallons of the fish poison Rotenone into the body of water in effort to protect the state's dwindling trout

population from the northern pike.

Source: http://www.foxnews.com/story/0,2933,297735,00.html

24. September 20, WAVY.com – (Virginia) Lack of rain has farmers asking for help. A Suffolk County Agricultural Agent appeared before the Suffolk City Council Wednesday night, asking that a resolution be sent to Virginia's governor asking for Suffolk to be declared a drought disaster area and make available any disaster relief funds at his disposal. "We anticipate a \$4 million loss for farmers in this area," the official said, adding that, due to lack of rain hay crops are off 50%, corn yield is off 45%, and peanuts, cotton, and soy beans are all off 15-20%. Similar resolutions from Southampton County and Isle of Wight County have been sent to the Governor and he has sent them along to the U.S. Department of Agriculture for Congressional Funding.

Source: http://www.wavy.com/Global/story.asp?S=7106519&nav=menu45\_2

- 25. September 20, Associated Press (Montana) Sheep disease triggers Montana quarantine. The quarantine ordered this week by Montana's state veterinarian to prevent the spread of blue tongue is forcing ranchers to feed sheep that they assumed would have already been sold. Producers without available pasture have had to buy extra hay. Whether the quarantine will affect prices for the livestock remains to be seen. The quarantine will be in effect until October 10. Officials expect cold weather to eliminate the gnats that spread blue tongue by then. Source: <a href="http://www.mercurynews.com/markets/ci\_6956791">http://www.mercurynews.com/markets/ci\_6956791</a>
- 26. September 20, FDA News (Nationwide) FDA warns consumers about the risk of cryptosporidium illness from Baby's Bliss Gripe Water. The U.S. Food and Drug Administration (FDA) is warning consumers not to consume Baby's Bliss Gripe Water, apple flavor, with a code of 26952V and expiration date of 10/08, distributed by MOM Enterprises, Inc., of San Rafael, California FDA confirmed through laboratory analysis the presence of cryptosporidium after investigating the illness of a 6-week-old infant in Minnesota who consumed the product. Cryptosporidium is a parasite that can cause intestinal infections. While most people with healthy immune systems will recover without treatment, the infection could be serious or life-threatening for certain individuals. Approximately 17,600 bottles of the product were distributed nationwide in retail stores and sold over the Internet between November 2006 and September 2007.

Source: http://www.fda.gov/bbs/topics/NEWS/2007/NEW01707.html

27. September 20, UPI – (Nationwide) Soy Deli and Quong Hop tofu is recalled. The U.S. Food and Drug Administration announced the recall of Soy Deli and Quong Hop brand tofu because of possible Listeria monocytogenes bacteria contamination. Listeria infections can cause serious and sometimes fatal illnesses. The recalled products are: All varieties and sizes of Soy Deli tofu coded DEC 17 2007; thirty-ounce Soy Deli nigari tofu coded SEP 23 2007; twelve-ounce Soy Deli water pack tofu coded SEP 23 2007; sixteen-ounce Quong Hop water pack tofu coded SEP 23 2007. The recalled Soy Deli and Quong Hop products were sold in Midwestern and West Coast supermarkets and natural food stores. Source:

http://www.sciencedaily.com/upi/index.php?feed=Science&article=UPI-1-20070920-09152200-bc-us-tofu-recall.xml

### **Water Sector**

28. September 21, Jackson Hole Daily – (Wyoming; Idaho) Dam releases to stay steady until Sept. 28. The unusually dry summer, resulting in almost empty reservoirs, led federal water authorities to release more water from the Jackson Lake Dam than is normal for the season. The water is destined for Idaho, where it will be used for irrigation.

Source: http://www.jhguide.com/article.php?art\_id=2219

29. September 20, Reuters UK – (National) Ethanol craze endangers U.S. Plains water: report. A report issued by Environmental Defense, a nonprofit group, concludes that the enthusiasm in the U.S. for ethanol could have damaging effects on the Ogallala aquifer. The report, issued on Thursday, found that currently growing corn and converting it to ethanol uses up as much as 2.6 billion gallons per year from the aquifer. A spokesman for the American Coalition of Ethanol stated that "most of the water concerns that are expressed about ethanol plants are way overblown," and that most of the water used eventually returns to the environment. The Ogallala aquifer stretches between Texas and South Dakota and is used for "one-fifth of all the irrigated land in the United States." The report recommends expanding the Conservation Reserve Program.

Source: http://uk.reuters.com/article/environmentNews/idUKN2044379220070920

30. September 20, Associated Press – (Oregon) Water relief headed for lakeside dwellers. The water in Siltcoos Lake, which supplies drinking water to the town of Dunes City, Oregon is contaminated with a toxic algae bloom, making it unsafe to touch or drink. Neighboring cities are supplying Dunes City with tucked in water. Experts have said that it is difficult to determine how long the toxins will last, but they can remain for almost two weeks after the algae has disappeared.

Source:

http://www.oregonlive.com/newsflash/regional/index.ssf?/base/news-21/119030289344350.xml&storylist=orlocal

31. September 19, Johns Creek Herald – (Georgia) Johns Creek's damaged pipes threaten water supply. In a late August inspection, workers found "two failing storm drainage pipes, along with a 48-inch water main sitting atop them in a precarious position." If the water main ruptured, it would not only cut off Sandy Springs water supply, but also wash out a road. The town of Johns Creek inherited the pipes from Fulton County and the main belongs to the city of Atlanta. The exact cause of the damage is unknown and Johns Creek, Sandy Springs, and Atlanta are debating who is fiscally responsible for the repairs.

Source:

 $\frac{http://www.northfulton.com/1editorialbody.lasso?-token.folder=2007-09-06\&-token.story=162624.112113\&-token.subpub}{}$ 

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### **Public Health and Healthcare Sector**

32. September 21, The Columbus Dispatch – (Nationwide) Lead found in Tween kits. Tween Brands might recall its second product since May if its investigation finds dangerous amounts of lead in a product decoration. The company said it recently learned of a potential problem with a pearl bauble attached to "Sparkle by 2" cosmetic kits sold at Limited Too. About 3,700 kits were sold before Tween Brands pulled the products from stores and notified the U.S. Consumer Product Safety Commission about a possible recall. No injuries have been reported. In the earlier case, Tween Brands learned in May through its "supplemental compliance testing" that 103,000 pieces of metal jewelry sold at Limited Too and Justice stores were unsafe because of lead content. The products were recalled by the company and the safety commission. The levels of lead in the recalled jewelry's coatings or clasps ranged from less than 1 percent to 35 percent, exceeding the federal limit of 0.6 percent, according to Tween Brands. All of the jewelry was manufactured in China. Source:

http://www.columbusdispatch.com/live/content/business/stories/2007/09/21/tween\_recall.ART ART 09-21-07 C10 RD7VC8J.html?sid=101

33. September 20, Washington Times – (Florida) South Florida bills billions for HIV. Doctors and clinics in three Southern Florida counties account for most of the billions of dollars charged to Medicare nationwide for HIV and AIDS drugs and services, billing records show. Federal health care regulators call the lopsided billing patterns "egregious" and warn that South Florida is a potential hotbed for health care fraud, waste and abuse. "It's all ultimately part of the money-driven, underground economy in Miami," said a health care fraud lawyer based in Fort Lauderdale. According to a report this week by the Inspector General for the U.S. Department of Health and Human Services, health care providers in Broward, Miami-Dade and Palm Beach submitted \$2.5 billion in claims to Medicare on behalf of HIV/AIDS patients in 2005. By contrast, providers in the rest of the country submitted less than \$1 billion in claims combined

Source: http://washingtontimes.com/article/20070921/NATION/109210084/1001

34. September 20, AFP – (International) **Ebola feared spreading in DR Congo.** A suspected death from Ebola virus has been reported in East Kasai, a central province neighboring West Kasai where the latest outbreak was first reported. There have been many deaths at a health centre in the East Kasai town of Mwene-Ditu in recent days, said a doctor heading a government emergency response team. Mwene-Ditu is around 110 miles southeast of Kananga, capital of West Kasai province, where five Ebola cases and one of Shigella were confirmed on September 11. More than 170 people are now feared to have died from the disease in DR Congo in the last four months.

 $Source: \underline{http://afp.google.com/article/ALeqM5jorLnHv88v3LnQMXKsZK\_IvoQ5RA}$ 

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### **Government Facilities Sector**

35. September 21, CNN.com – (Delaware) Police search for Delaware State University shooter. A man shot two students Friday morning on the Delaware State University campus near the sports center. Both victims are in the hospital and one victim's condition is "potentially lifethreatening." Several law enforcement agencies were searching the campus for the shooter.

The campus was on lockdown and students and staff can learn of developments via telephone or website.

Source: http://www.cnn.com/2007/US/09/21/delaware.shooting/index.html

36. September 21, Daily News – (New York) School built on toxic chemical site. A new high school in Long Island City sits on a toxic chemical plume, and the public was not informed. The city exploited a loophole and leased the site from a private company. If they had built the school on city property, a public review would have been necessary. The building's vapor-extraction system "may be worsening the problem by also sucking up toxins from adjacent sites," according to councilmen. Various environmental regulators, who have evaluated the facility, are at odds over the safety of the site, though air tests have concluded that it is safe. Source:

http://www.nydailynews.com/boroughs/queens/2007/09/21/2007-09-21\_school\_built\_on\_toxic\_chemical\_site\_\_pol.html?ref=rss

37. September 20, Baltimore Sun – (Maryland) Md. receives \$4 million for base expansion. Maryland was awarded \$4 million to "help communities plan for upgrades to roads, mass transit, housing and schools," which are needed to accommodate the new residents due to the "expansion of Aberdeen Proving Ground, Fort Meade, the National Naval Medical Center and other military facilities in the state." All of these are part of the Base Realignment and Closure process. The state labor department received a \$4 million grant to further "develop the work force in preparation for BRAC" earlier this year.

Source: http://www.baltimoresun.com/news/local/bal-brac0920,0,6526899.story

38. September 20, Associated Press – (Maine) Panel approves master plan for reuse for Brunswick base. A redevelopment plan for the reuse of the Brunswick Naval Air Station after it closes in 2011 has been approved by the Brunswick Local Redevelopment Authority. There is still work to be done before it is submitted to the Department of Defense, but currently, "key features of the plan include an office park, a resort hotel and golf course, a general aviation airport, a college campus and hundreds of acres earmarked for recreation." Source:

 $\underline{\text{http://www.boston.com/news/local/maine/articles/2007/09/20/panel\_approves\_master\_plan\_fo} \\ \underline{\text{r\_reuse\_for\_brunswick\_base/}}$ 

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# **Emergency Services Sector**

39. September 21, Salt Lake Tribune — (Utah) State drill shows Utahns must rely on themselves to survive real outbreak. The state of Utah held a three-day, statewide exercise testing the Utah public health system's ability to respond to a flu outbreak this week. It included more than 350 people from federal, state, local and tribal governments, the health care industry, military, volunteer groups, and the community. The deputy director of the Utah Department of Health noted that several changes will likely be made to the state plan and tested in smaller-scale exercises, adding that the exercise also showed that "Utahns must rely on themselves, not the government, to survive a serious public health crisis." "The less they expect to have the government and system take care of them, the better the state will deal with the pandemic," he

added.

Source: http://www.sltrib.com/news/ci 6956431

40. September 21, Columbus Telegram – (Ohio) Emergency personnel learn safe handling of ethanol. Dozens of first-responders gathered in a downtown Columbus, Ohio public parking lot on 12th Street on Friday to participate in training about the safe and secure transportation of ethanol. The training is part of the Transportation Community Awareness and Emergency Response (TRANSCAER) tour. More then 50 first-responders had pre-registered for the training. Millions of gallons of ethanol are shipped by rail and semi-trailer tankers annually from Archer Daniel Midlands' plant in Columbus. The plant has an annual production capacity of 100 million gallons. First-responders will be learning how railcars and semi tankers are constructed, where valves are located and how to plug leaks of the fuel additive. Source: http://www.columbustelegram.com/articles/2007/09/21/news/news3ethanol.txt

41. September 21, KXII.com – (Oklahoma) Improving emergency response. Oklahoma officials held a meeting Friday in Antlers to receive feedback from local authorities on the 911 service. Officials say right now first responders in 70% of the state do not see the location or name of a 911 caller; most counties only have a regular service which does not list a person's location. People "call 911 and believe that we know where they are and that's a false sense of security." said the Johnston county 911 coordinator. State officials hired a company to recommend to the state legislature on ways to implement enhanced 911 services and provide the communities with ways to pay for them

Source: http://www.kxii.com/home/headlines/9909092.html

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## **Information Technology**

42. September 21, Computerworld – (National) Unix admin pleads guilty to planting logic bomb at Medco Health. On Wednesday a former Unix system administrator at Medco Health Solutions Inc.'s Fair Lawn, N.J. office pleaded guilty in federal court to attempting to sabotage critical data -- including individual prescription drug data -- on more than 70 servers. The man, 51, is scheduled to be sentenced on January 8, and faces a maximum sentence of 10 years and a fine of \$250,000. He was one of several systems administrators at Medco who feared they would get laid off when their company was being spun off from drug-maker Merck & Co. in 2003, according to a statement released by federal law enforcement authorities. Apparently angered by the prospect of losing his job, he created a "logic bomb" by modifying existing computer code and inserting new code into Medco's servers. The bomb was originally set to go off on April 23, 2004, the man's birthday. When it failed to deploy because of a programming error, he reset the logic bomb to deploy on April 23, 2005, despite the fact that he had not been laid off as feared. The bomb was discovered and neutralized in early January 2005, after it was discovered by a Medco computer systems administrator investigating a system error. Had it gone off as scheduled, the malicious code would have wiped out data stored on 70 servers, including one critical server that maintained patient-specific drug interaction information that pharmacists use to determine whether conflicts exist among an individual's prescribed drugs. Also affected would have been information on clinical analyses, rebate applications, billing, new prescription call-ins from doctors, coverage determination applications and employee

payroll data.

Source:

http://www.computerworld.com/action/article.do?command=viewArticleBasic&taxonomyName=security&articleId=9038218&taxonomyId=17&intsrc=kc\_top

43. September 20, Computerworld – (National) Hackers steal server log-ins from hosting vendor. Server hosting vendor Layered Technologies Inc. admitted this week that hackers broke into its support database and made off with as many as 6,000 client records, including log-in information that could give criminals access to clients' servers. The Plano, Texas-based company, which operates a pair of data centers that hold the physical servers it manages for clients, said the break-in happened sometime Monday night. "The Layered Technologies support database was a target of malicious activity on the evening of 9/17/2007 that may have involved the illegal downloading of information such as names, addresses, phone numbers, e-mail addresses and server log-in details for [5,000] to 6,000 of our clients," the firm's CEO wrote on the company blog Tuesday. According to other information posted on the blog, the database was reached through a vulnerability in a Web-based application used by Layered's help desk. After hacking the Web application, the criminals next accessed the support database. "This allowed them to then view tickets and their contents," said a blogger. "This attack was done using an open protocol (HTTP), which allowed them to then get into the database," he added.

Source:

http://www.computerworld.com/action/article.do?command=viewArticleBasic&taxonomyName=security&articleId=9038040&taxonomyId=17&intsrc=kc\_top

44. September 20, IDG News Service – (National) Hacker bears bad news about PDF. The hacker who discovered a recently patched QuickTime flaw affecting the Firefox browser says he has found an equally serious flaw in Adobe's PDF file format. "Adobe Acrobat/Reader PDF documents can be used to compromise your Windows box. Completely!!! Invisibly and unwillingly!!!," he wrote in a breathless Thursday blog posting. "All it takes is to open a PDF document or stumble across a page which embeds one." The security researcher said he had confirmed the issue on Adobe Reader 8.1 on Windows XP and that other versions may be affected. He also pledged not to release the code that shows how the attack works until Adobe provided a patch for the problem.

If the PDF claims are true, it could be bad news for business users, who are used to opening PDF attachments without thinking twice, said the director of security operations with nCircle Network Security Inc. Though some attackers have crafted PDF attacks in recent years, this hacker's code could also be more effective than typical exploits, the security director added. "Historically, those other exploits have been targeted for specific versions of Adobe Reader," he said. "According to the information, this affects all versions. It's an inherent architectural problem in the way files are read."

Source: <a href="http://www.infoworld.com/article/07/09/20/Hacker-bears-bad-news-about-pdf">http://www.infoworld.com/article/07/09/20/Hacker-bears-bad-news-about-pdf</a> 1.html

#### **Internet Alert Dashboard**

To report cyber infrastructure incidents or to request information, please contact US-CERT at <a href="mailto:soc@us-cert.gov">soc@us-cert.gov</a> or visit their Website: <a href="https://www.us-cert.gov">www.us-cert.gov</a>.

Information on IT information sharing and analysis can be found at the IT ISAC (Information Sharing and Analysis Center) Website: <a href="https://www.it-isac.org/">https://www.it-isac.org/</a>.

### **Communications Sector**

45. September 21, RCR Wireless News – (New York) NYC subway cell service still needs carriers. New York City Transit is one step closer to building a cellular phone network in its 277 subway stations, but it remains to be seen if mobile phone providers are going to pay to offer the service to their customers. Next week, the board of the Metropolitan Transportation Authority is expected to vote in favor of letting Transit Wireless, a consortium of telecom and construction companies, build an underground cellular phone network. Under the plan, Transit Wireless will pay New York City Transit at least \$46.8 million over a 10-year period, according to the MTA. The firm will also spend an estimated \$150 million to \$200 million on installing the network. If approved, the company will build networks in six downtown Manhattan stations within two years and complete the rest of the stations in the next four. However, before people can start using their cell phones in the subway, their carriers will have to agree to pay Transit Wireless fees to offer the service. Some question how Transit Wireless will recoup all the money it has to spend on building the network. While it will be technically challenging to wire the stations, once a network is set up and operational, the success of it is riding on the wireless carriers' participation. Carriers will have to determine if offering cell phone service on the subway platforms and stairwells will generate more revenue per user or reduce churn, analysts said.

Source: http://www.rcrnews.com/apps/pbcs.dll/article?AID=/20070921/FREE/70920008/1017

46. September 20, Reuters – (National) Verizon Wireless to join Vodafone in upgrade to LTE. Verizon Wireless and Vodafone Group plc will both use Long Term Evolution technology as the 4G evolution path for their respective networks, according to remarks by company executives this week. The respective chiefs of both companies spoke about the technology choice at the Goldman Sachs Communacopia conference yesterday. Vodafone and Verizon control Verizon Wireless through a joint venture. They laid out a path toward LTE evolution within the next three to four years. Vodafone relies on GSM- and HSPA-based technology for wireless high-speed data access in its properties abroad, while Verizon Wireless—45 percent owned by Vodafone—is a CDMA operator whose most recent network upgrade has been to EV-DO Revision A. Asked if the complementary network evolution was reflective of cementing a long-term relationship between the two companies, Verizon's chief called the categorization fair and said that Verizon has looked for stability in its relationship with Vodafone. As penetration rates slow, he added, common networks offer a new avenue for growth. "Going through a common platform is nothing more than the industry realizing that we can stimulate expansive growth by having a common platform and having the best networks," he said. The news marks a serious setback for CDMA backers, as Verizon Wireless is one of the world's largest supporters of the technology. Indeed, the news puts Ultra Mobile Broadband—which is Rev. C on the CDMA network-upgrade path—into question, as no operator has yet publicly voiced intentions to move toward the technology.

Source: http://www.rcrnews.com/apps/pbcs.dll/article?AID=/20070920/FREE/70920004/1002

47. September 20, Government Executive – (National) Wireless broadband systems could be vulnerable to attack. The Centre for the Protection of National Infrastructure (CPNI) warned in a paper that WiMax has fundamental security flaws, including the lack of two-way authentication, which allows a hacker to set up a "rogue" base station to impersonate a legitimate in order to spoof the base station and launch man-in-the-middle attacks. The vulnerability could expose "subscribers to various confidentiality and availability threats," according to the CNPI, a UK intergovernmental organization. While Wi-Fi is used in most businesses and homes for wireless connectivity to the Internet, WiMax is considerably stronger and can cover a larger area. Because of the WiMax advantages, more than 470 chip and equipment manufacturers and network operators -- such as Intel, Alcatel-Lucent, Fujitsu, Motorola, Samsung, AT&T and British Telecom -- rely on WiMax to develop systems. Sprint Nextel plans to use WiMax to provide high-speed mobile service to its subscribers through a public network to be launched in the U.S. in 2008. The Marine Corps has deployed tactical networks in the Mideast using WiMax equipment from Redline Communications. Caltrain, the California commuter rail operator, also uses Redline gear to provide high-speed voice, video and data services between rail stations. The WiMax 802.16e standard provides strong encryption through use of the Advanced Encryption Standard, which meets U.S. government requirements. However, AES management frames are broadcast in the clear, meaning an attacker can grab subscriber information and other sensitive network information, the CPNI report concluded.

Source: <a href="http://www.govexec.com/story\_page.cfm?articleid=38088&dcn=todaysnews">http://www.govexec.com/story\_page.cfm?articleid=38088&dcn=todaysnews</a>

48. September 20, RCR Wireless News – (National) FCC moves on 2155-2175 MHz spectrum band. The Federal Communications Commission launched a rulemaking on the highly-sought 2155 MHz-2175 MHz spectrum band, setting the stage for a resumption of a wireless openaccess debate that gained strength during the agency's 700 MHz proceeding. Late last month, the FCC tossed out applications of M2Z Networks Inc. and others that wanted the 2155 MHz-2175 MHz spectrum for a wireless broadband network. M2Z has challenged the agency's ruling in the U.S. Court of Appeals for the District of Columbia Circuit. The mobile-phone and wireless broadband sectors opposed the M2Z plan. Google Inc., consumer advocates and special-interest groups lobbied for open-access and wholesale conditions in the 700 MHz spectrum being auctioned early next year, but scored only a partial victory. The FCC will require licensees of a 22 megahertz spectrum block to allow third-party devices and applications in that chunk of spectrum. Those entities have now set their sights on the 2155-2175 MHz band, hoping to see open access, wholesale and a nonexclusive, unlicensed regime mandated in what is known as the advanced wireless services III band.

Source: http://www.rcrnews.com/apps/pbcs.dll/article?AID=/20070920/FREE/70920007/1005

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# **Commercial Facilities Sector**

49. September 21, Inside Bay Area – (California) Burlingame fire leaves businesses cleaning up. A fire that broke out at 5 p.m. on Wednesday in a building in downtown Burlingame, California has affected 16 tenants, including nine offices, three residences, and five shops. Fire officials estimated the damage to the building at \$1.3 million, but did not yet have a figure for the total losses, including tarnished merchandise. The cause of the fire is still unknown.

Source: <a href="http://www.insidebayarea.com/sanmateocountytimes/localnews/ci\_6957808">http://www.insidebayarea.com/sanmateocountytimes/localnews/ci\_6957808</a>

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#### **National Monuments & Icons Sector**

50. September 21, Salt Lake Tribune – (Idaho) Environmentalist say feds colluded with phosphate companies to cover up pollution. In a report released Thursday by the Greater Yellowstone Coalition and Caribou Clean Water Partnership, they claimed that the Forest Service and Bureau of Land Management were "colluding with phosphate-mining companies in southern Idaho to cover up decades of serious pollution." A spokesman for the Caribou-Targhee National Forest and BLM denied this. In reading through documents acquired via the Freedom of Information Act, the author of the report found "a pattern of downplaying or obscuring the gravity of the pollution." For instance, the high levels of selenium were revealed to the Environmental Protection Agency only after animals began dying of Selenium poisoning. The report was issued now in order to prevent mining operations from expanding near the Idaho-Wyoming state line.

Source: http://origin.sltrib.com/news/ci\_6956432

51. September 20, Independent Florida Alligator – (Florida) Dahlem memorial tagged with Meyer quote. The words "DON'T TASE ME BRO" were spray painted onto a memorial to a Gainesville police officer, located at the University of Florida. A nearby wall was tagged with "EVERY COP INVOLVED SHOULD ROT IN PRISON." The memorial should be cleaned within 24 hours and the wall by Sunday.

Source: http://www.alligator.org/articles/2007/09/20/news/local/wall.txt

52. September 20, United Press International – (Virginia) U.S. Army considers replacing war tomb. The 71-year-old Tomb of the Unknowns at Arlington National Cemetery may be replaced. Non-structural cracks have begun to show on the marble and the original quarry has offered to donate new, engraved stone to the cemetery. If the U.S. Army decides to replace the monument, the original will be donated to the Smithsonian or a military museum.

http://www.upi.com/NewsTrack/Top\_News/2007/09/20/us\_army\_considers\_replacing\_war\_tomb/8609/

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### **Dams Sector**

53. September 21, Adirondack Daily Enterprise – (Louisiana) Silt spills from dam into W. Branch of AuSable. A silt spill occurred on the West Branch of the AuSable River in northeastern New York from a dam 1,000 feet upstream. The dam was recently purchased by a Lake Placid resident, who drew down the water and began making repairs. After the state Department of Environmental Conservation was informed of the silt spill, they directed the "owner to cease work on the dam until further notice." The drainage had not been reported to the DEC and they are investigating the timeline and consequences of the spill, as well as if any laws were violated.

Source: http://www.adirondackdailyenterprise.com/news/articles.asp?articleID=8649

54. September 20, WBKO News, Bowling Green, Kentucky – (Kentucky) Governor helps community affected by Wolf Creek Dam. Six months ago the U.S. Army Corps of Engineers lowered the water level in Lake Cumberland in order to repair Wolf Creek Dam. The surrounding communities were affected not only by the drop in tourism (a 40 percent decrease), but also by water shortages. In response to the latter concern, Russell County has begun work on a \$3.3 million water intake system, which will move the intake system further into the lake and place it on a floating barge so it will function regardless of the water level. Project completion is expected in November.

Source: http://www.wbko.com/news/headlines/9904812.html

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